THE STATE OF THE S	<u>y</u>			Sheet 1 of 6	
Form PTO-1449 Modified List of Patent and Publications			Docket No. MOR-0241/ HD0002US	Application No. 10/624,631	
(Use se	Cited I veral	by Applicant sheets if necessary)	Applicant Luigi Grasso, et al.		
Patent	epartr	nent of Commerce Frademark Office	Filing Date July 21, 2003	Group Not Yet Assigned	
			Confirmation No. Not Yet Assigned		
O,	THE	R DOCUMENTS (Includ	ing Author, Title, I	Date, Pertinent Pages, Etc.)	
*	1	Ausubel, et al., Current I York, 1998	Pretocels in Molecul	nr Biology, John Wiley & Sons, New	
ккн	2	abnormal chromosome si	mapsis in meiosis."	IA mismatch repair gene PMS2 exhibit Cell, July 28, 1995, 82, 309-319	
	3	Barr, P.J., et al., "Active	site modified proteas March 22, 1988, <i>Chi</i>	se .alpha1-antitrypsin inhibitors, iron corp., Emeryville, CA, GenBank	
	4	Bignami, M., "Unmaskin methylating agents," Mut	g a killer: DNA O^6 -1 at. Res., 2000, 462,	methylguanine and the cytotoxicity of 71-82	
	5	Bocker, T., et al., "hMSH	15: a human MutS ho and is expressed du	omologue that forms a novel ring spermatogenesis," Cancer Res.,	
	6	Bronner, C.E., et al., "Mu hMLH1 is associated with 368, 258-261	station in the DNA man hereditary non-poly	nismatch repair gene homologue /posis colon cancer," <i>Nature</i> , 1994 ,	
	7				
	8	Drummond, J.T., et al., "Isolation of an hMSH2-p160 heterodimer that restores mismatch repair to tumor cells," <i>Science</i> , June 30, 1995, 268, 1909-1912			
		Drummond, J.T., et al., "Cisplatin and adriamycin resistance are associated with MutLα and mismatch repair deficiency in an ovarian tumor cell line," J. Biol. Chem., August 16, 1996, 271(33), 19645-19648			
V	10	Emery, S.C., et al., "Strate C.A.K., Borrebaeck (Ed.)	egies for humanizing Oxford University I	antibodies," In: Antibody Engineering Press, NY, 1995, 159-183	
* A copy of thi]	Kevin K. Hill		CONSIDERED August 9, 2006	

^{*} A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office since it is believed to be too voluminous and easily obtainable by the Examiner.



	- writer						
	Form PTO-1449 Modified			Docket 1 MOR-02 HD0002	41/	Application No. 10/624,631	
	(Cited 1	by Applicant sheets if necessary)	Applicar Luigi Gr	asso, et al.		
	U.S. De Patent	epartr and	ment of Commerce Frademark Office	Filing Da		Group Not Yet Assigned	
				Confirma Not Yet			
	0	THE	R DOCUMENTS (Includi	ing Autho	r, Title, Date, P	ertinent Pages, Etc.)	
KK		11	Eshleman, J.R., et al., "M Mol. Genet., 1996, 5, 148	lismatch re	pair defects in h	uman carcinogenesis," Hum.	
		12					
		13	Fiedler, U., et al., "High-lantibodies in transgenic to 1093	Fiedler, U., et al., "High-level production and long-term storage of engineered antibodies in transgenic tobacco seeds," <i>Bio/Technology</i> , October 1995 , <i>13</i> , 1090-1093			
		14	Frigerio, L., et al., "Assenimmunoglobulin in plants	nbly, secre	etion, and vacuol	ar delivery of a hybrid	
		15	Galio, L., et al., "ATP hyo	drolysis-de	pendent formati	on of a dynamic ternary Acids Res., 1999, 27(11), 2325-	
-	,	16	Glaser, V., "Can ReoPro 1 Biotechnol., October 1996	5, <i>14</i> , 1216	5-1217		
*		17	Kaufman, M.B., et al., Ha	ndbook of	Molecular and	Cellular Methods in Biology and	
KK	н	18	Medicine, CRC Press, Book Khazaeli, M.B., et al., "Hi	uman imm	une response to	monoclonal antibodies," J.	
		19	Immunother., 1994, 15, 42-52 Koi, M., et al., "Human chromosome 3 corrects mismatch repair deficiency and microsatellite instability and reduces N-methyl-N'-nitro-N-nitrosoguanidine tolerance in colon tumor cells with homozygous hMLH1 mutation," Cancer Res., August 15, 1994, 15, 4308-4312				
√	/	20	Lawson, W.B., et al., "Studies on the inhibition of human thrombin: effects of plasma and plasma constituents," Folia Haematol, 1982, 109(1S), 52-60				
EXAMI	NER	F	Kevin K. Hill			DERED August 9, 2006	
* A	C.1						

^{*} A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office since it is believed to be too voluminous and easily obtainable by the Examiner.

© 2003 WW



Form PTO-1449 Modified			Docket N MOR-02 HD0002	41/	Application No. 10/624,631
(Use se	List of Patent and Publications Cited by Applicant (Use several sheets if necessary)			t asso, et al.	
Paten	t and 7	nent of Commerce Frademark Office	Filing Da July 21, 2		Group Not Yet Assigned
			Confirma Not Yet		
0	THE	R DOCUMENTS (Includi	ing Autho	r, Title, Date, P	ertinent Pages, Etc.)
ккн	21	line mutations in DNA m 48-51	ismatch re	pair genes," Can	ility in lymphocytes with germ- neer Genet Cytogenet, 1998, 104,
	22	Lipkin, S.M., et al., MLH mammalian microsatellite	3: a DNA	mismatch repair	gene associated with
	23	Liu, I., et al., "Microsate	llite instab	ility as a predicto	or of a mutation in a DNA Genes Chromosomes Cancer,
*	24	McPherson (Ed.), Directe	d Muiager	iesis. A Practical	Approach, IRL Press, Oxford,
ккн	25	Modrich, P., "Mismatch ro 1994, 266, 1959-1960	epair, gen	etic stability, and	cancer," Science, December 23,
	26	Müller, A., et al., "Misma cancer syndrome (HNPCC	C)," Cance	r Invest., 2002, 2	y non-polyposis colorectal
	27	Neuberger, M., et al., "Mo Nature, March 6, 1997, 38	onoclonal : 86, 25-26	antibodies: mice	perform a human repertoire,"
	28	Nicolaides, N.C., et al., "A naturally occurring hPMS2 mutation can confer a dominant negative mutator phenotype," Mol. Cell. Biol., March 1998, 18(3), 1635-1641			
	29	Nicolaides, N.C., et al., "Analysis of the 5' region of <i>PMS</i> 2 reveals heterogenous transcripts and a novel overlapping gene," <i>Genomics</i> , 1995, 29, 329-334			
$ \forall$	30	Nicolaides, N.C., et al., "Genomic organization of the human PMS2 gene family," Genomics, 1995, 30, 195-206			
EXAMINER		Kevin K. Hill		DATE CONSI	DERED August 9, 2006

^{*} A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office since it is believed to be too voluminous and easily obtainable by the Examiner.



Form PTO-1449 Modified

List of Patent and Publications Cited by Applicant (Use several sheets if necessary)

U.S. Department of Commerce Patent and Trademark Office

Docket No. MOR-0241/ HD0002US	Application No. 10/624,631	
Applicant Luigi Grasso, et al.		
Filing Date July 21, 2003	Group Not Yet Assigned	
Confirmation No. Not Yet Assigned		

_					
	THE	R DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
ккн	31	Nicolaides, N.C., et al., "The Jun family members, c-JUN and JUND, transactivate the human <i>c-myb</i> promoter via an Apl like element," <i>J. Biol. Chem.</i> , September 25, 1992, 267(27), 19665-19672			
	32	Nicolaides, N.C., et al., "Interleukin 9: A candidate gene for asthma," <i>Proc. Natl. Acad. Sci. USA</i> , November 1997, 94, 13175-13180			
	33	Palombo, F., et al., "Mismatch repair and cancer," Nature, February 1994, 36, 417			
	34	Parsons, R., et al., "Hypermutability and mismatch repair deficiency in RER+ tumor cells," Cell, December 17, 1993, 75, 1227-1236			
	35	Papadopoulos, N., et al., "Mutation of a mutL homolog is associated with hereditary colon cancer," Science, 1993, 263, 1625-1629			
	36	Perucho, M., "Cancer of the microsatellite mutator phenotype," <i>Biol. Chem.</i> , November 1996, 377, 675-684			
	37	Prolla, T.A., et al., "MLH1, PMS1, and MSH2 interaction during the initiation of DNA mismatch repair in yeast," <i>Science</i> , August 19, 1994, 264, 1091-1093			
<u> </u>	38	Qian, Y., et al., "Molecular events after antisense inhibition of hMSH2 in a HeLa cell line," Mutat Res., 1998, 418, 61-71			
	39	Reff, M.E., "High-level production of recombinant immunoglobulins in mammalian cells," Curr. Opin. Biotechnol., 1993, 4, 573-576			
\bigvee	40	Saez-Llorens, X.E., et al., "Safety and pharmacokinetics of an intramuscular humanized monoclonal antibody to respiratory syncytial virus in premature infants and infants with bronchopulmonary dysplasia," <i>Pediat. Infect. Dis. J.</i> , 1998, 17, 787-791			
EXAMINER		Kevin K. Hill DATE CONSIDERED August 9, 2006			



Form PTO-1449 Modified			Docket N MOR-02 HD00021	41/	Application 10/624,63	
(Use se				t asso, et al.		
Patent	and 7	nent of Commerce Frademark Office	Filing Da July 21, 2		Group Not Yet A	ssigned
		· · · · · · · · · · · · · · · · · · ·	Confirma Not Yet A	Assigned		
O '		R DOCUMENTS (Includ				
*	_41_	Sambrook, et al., Molecu	ılar Clonin	2: A Laboratory	Manual, 2'	^{1d} Ed. <i>Cold Spring</i>
	42	Harbor Laboratory Pres.	s, Plainvie	w, NY, 1989		
KKH	42	Shield, C.F., et al., "A co cadaveric kidney transpla	antation," A	lm. J. Kidney Di	is., June 19	96 , <i>27(6</i>), 855-864
	43	Shields, R.L., et al., "Ant histamine release," Int. A	rch. Allerg	y Immunol., 199	95 , <i>107</i> , 417	2-413
	44	Strand, M., et al., "Destal mutations affecting DNA 276	mismatch	repair," Nature,	, September	r 16, 1993 , <i>365</i> , 274-
	45	Su, SS., et al., "Mispair vitro," J. Biol. Chem., Ma	ay 15, 1988	3, <i>263(14)</i> , 6829	-6835	
$\overline{}$	46	Weiner, L.M., "Monoclor 1999, 26(5), Suppl. 14, 43	nal antibod 3-51	y therapy of car	icer," Semii	n. In Oncol., October
				,		
						
		·				
EXAMINER		Kevin K. Hill	·i	DATE CONS	IDERED	August 9, 2006

^{*} A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office since it is believed to be too voluminous and easily obtainable by the Examiner.



Form PTO-1449 Modified				Docket No. MOR-0241/ HD0002US Application No. 10/624,631			
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)				Applicant Luigi Grasso, et al.			
U.S Pa	S. Departent an	urtment of Commerce ad Trademark Office	ce e	Filing Date July 21, 2003	Group Not Yet Assigned		
				Confirmation No. Not Yet Assigned			
	_	U.	S. PATENT	T DOCUMENTS			
Examiner Initial		Document No.	Date	Name	CI	6.1.1	
KKH	47	4,732,973	03/22/88	Barr, et al.	Class 530	Subclass 350	
	48	5,530,101	06/25/96	Queen, et al.	530	387.3	
V	49	6,146,894	11/14/00	Nicolaides, et al.	435	440	
						<u> </u>	
						 	
		FORI	EIGN PATE	ENT DOCUMENTS	· · · · · · · · · · · · · · · · · · ·		
Examiner Initial		Document No.	Date	Country	Tra YES	nslation NO	
KKH "Dup"	50	WO 02/054856	07/18/02	PCT		I I I	
EXAMINER	K	evin K. Hill		DATE CONSIDER	ED August	2006	

© 2003 WW





Form PTO-1449 Modified			Docket No. MOR-0241/ HD0002US	Application No. 10/624,631	
	Cited b	and Publications y Applicant heets if necessary)	Applicant Luigi Grasso, et al.		
		ent of Commerce rademark Office	Filing Date July 21, 2003	Group Not Yet Assigned	
			Confirmation No. Not Yet Assigned		
	ОТНЕ	R DOCUMENTS (Includ	ling Author, Title, Date,	Pertinent Pages, Etc.)	
ккн	51	Allen, D., et al., "MutS mediates heteroduplex loop formation by a translocation mechanism," <i>EMBO J.</i> , 1997 , <i>16(14)</i> , 4467-4476			
·	52	Anderson, W.F., "Huma	n gene therapy," Nature,	April 30, 1998 , <i>392</i> , 25-30	
	53	Escherichia coli", Nuclei	ic Acids Research, 1996,		
	54	arabidopsis," Enomics,	1 994 , <i>19</i> , 137-144	loci to the linkage map of	
	55	607-618		A, Reprod. Nutr. Dev., 1996 , 36,	
	56	Biochemistry, 2000, 39,	3176-3183	drolysis by DNA cofactors,"	
	57	Research, 2000, 10, 398-400			
	58	Bork, P., et al., "Go hunting in sequence databases but watch out for the traps," Trends in Genetics, 1996, 12(10), 425-427			
	59	132-133		nds in Genetics, April 1999, 15(4),	
\overline{V}	60				
EXAMINE	R	Kevin K. Hill	DATE CON	ISIDERED August 9, 2006	





Form PTO-1449 Modified			Docket No. MOR-0241/ HD0002US	Application No. 10/624,631			
	List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Luigi Grasso, et al.	·			
		rtment of Commerce d Trademark Office	Filing Date July 21, 2003	Group Not Yet Assigned			
			Confirmation No. Not Yet Assigned				
	ОТН	ER DOCUMENTS (Inch	uding Author, Title, Da	ate, Pertinent Pages, Etc.)			
ккн		H-ras mutations in mo	'Relating aromatic hydrouse skin papillomas: The r 1995, Vol. 92, pp. 10	ocarbon-induced DNA adducts and c- e role of apurinic sites", <i>Proc. Natl.</i> 0422-10426			
	(Culligan, K.M., et al., XP-002099372, 833-8	"DNA mismatch repair	in plants," Plant Physiol., 1997, 15,			
	(Gameri, A., et al., "Co	Crameri, A., et al., "Combinatorial multiple cassette mutagenesis creates all the permutations of mutant and wild-type sequences," <i>BioTechniques</i> , 1995, 18(2), 194-				
	(Edelmann, W., et al., " 1996, 85, 1125-1134		st in MLH1-deficient mice," Cell,			
		65 Harfe, B.D., "DNA mi 2000, 34, 359-399		ic instability," Annu. Rev. Genet.,			
	•	Colorectal Cancers and	d Cell Lines", Cancer Ro	Replication Error Phenotype in es., 1997, 57, 300-303			
		Honma, M. et al., "Cy Mutagens in Normal a 1997, 374, 89-98	Honma, M. et al., "Cytotoxic and Mutagenic Responses to X-rays and Chemical Mutagens in Normal and p53-mutated Human Lymphoblastoid Cells", Mut. Res.,				
		Haught, C., et al., "A r	Haught, C., et al., "A method to insert a DNA fragment into a double-stranded plasmid," BioTechniques, 1994, 16(1), 47-48				
	•	Jean, M., et al., "Isolat Arabidopsis thaliana,"	ion and characterization 'Mol. Gen. Genet., 1999	of AtMLH1, a MutL homologue from 9, 262, XP-000986138, 633-642			
\forall		Jiricny, J., et al., "Miss 10, 157-161	Jiricny, J., et al., "Mismatch repair defects in cancer," Curr. Opin. Genet. Dev., 2000,				
EXAMI	NER	Kevin K. Hi	11 DATE C	CONSIDERED August 9, 2006			





	Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Docket No MOR-024 HD0002U	1/	Application No. 10/624,631	
			Applicant Luigi Grasso, et al.			
			ent of Commerce rademark Office	Filing Date July 21, 20		Group Not Yet Assigned
				Confirmat Not Yet A		
	07	THEF	R DOCUMENTS (Includ	ding Author	, Title, Date, 1	Pertinent Pages, Etc.)
К	КН	71	Karran, P., et al., "Geno Surveys, 1996, 28, 69-71		ty and tolerand	ce to alkylating agents," Cancer
	,	72	Kong, Q., et al., "PMS2 in young but not older n	-deficiency		permutation of a lamdal transgene 9, 36, 83-91
		73	Kunkel, T.A., et al., "Ef DNA," Methods Enzymo	ficient site-dol., 1991, 20	irected mutage 4, 125-139	enesis using uracilcontaining
		74	Leach, F.S., et al., "Mut colorectal cancer," Cell,	ations of a m	outS homolog i 215-1225	in hereditary nonpolyposis
		75	Colorectal Cancer Paties	nts", Nature	Medicine, Feb	Hereditary Non-polyposis oruary 1996, 2(2), 169-174
		76	Repair Deficient Humar March 1998, 39, p. 460	Colon Cand (Abstract #3	cer Cell Lines' 3130)	S2 Creates Isogenic Mismatch C, Proc. Am. Assoc. Cancer Res.,
		77	McCallum, C.M., "Targ Biotechnology, 2000, 18	eted screeni	ng for induced	mutations," Nature
		78	Nicolaides, N.C., et al., "Positive autoregulation of c-myb, expression via Myb binding sites in the 5' flanking region of the human c-myb gene," Moecular and Cellular Biology, 1991, 11(12), 6166-6176			
		79				
\	/	80	Ngo, J.T., "Computational complexity, protein structure prediction, and the levinthal paradox," <i>The Protein Folding prolem and Tertiary Structure Prediction</i> , Merz, K., et al. (Eds.), 1994, 491-495			
EXA	MINER		Kevin K. Hill	L	DATE CON	SIDERED August 9, 2006



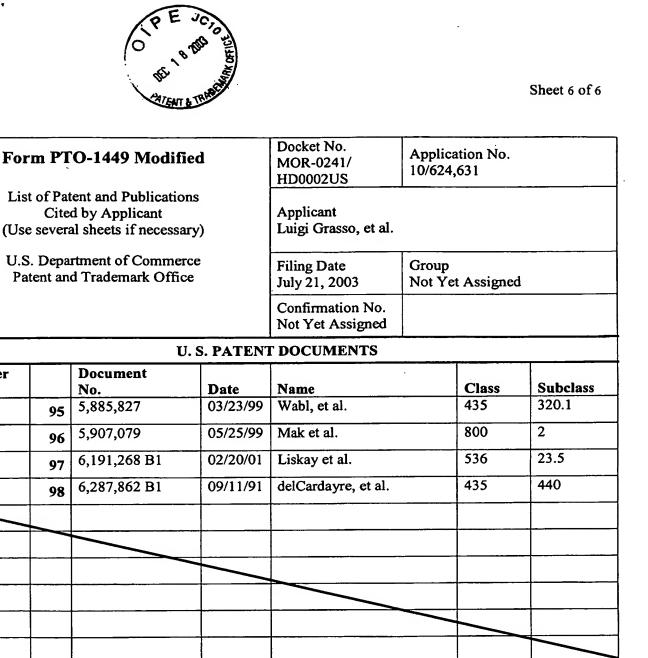


Form PTO-1449 Modified		Docket No. MOR-0241/ HD0002US	Application No. 10/624,631		
C	List of Patent and Publications Cited by Applicant (Use several sheets if necessary)				
		nent of Commerce rademark Office	Filing Date July 21, 2003	Group Not Yet Assigned	
			Confirmation No. Not Yet Assigned		
O 1	CHE	R DOCUMENTS (Includ	ling Author, Title, Da	te, Pertinent Pages, Etc.)	
ккн	81	Papadopoulos, N., et al., 1995, 268, 1915-1917	"Mutations of GTBP	in genetically unstable cells," Science,	
	82	Parsons, R., et al., "Mismatch repair deficiency in phenotypically normal human cells," Science, May 5, 1995, 268, 738-740			
	83	Peinado, M.A., et al., "Isolation and characterization of allelic lossesand gains in colorectal tumors by arbitrarily primed polymerase chain reaction," <i>Proc. Natl. Acad. Sci. USA</i> , November 1992, 89, 10065-10069			
	84	Polaczek, P., et al. "Fundin Saccharomyces cerevity	ctional genetic tests of isiae", Gene, 1998, 21:	DNA mismatch repair protein activity 3(1-2), pp 159-167	
	85	transgenesis," Theriogen	ology, 2000, 53, 117-	ll nuclear transfer application in 126	
	86	Rulicke, T., et al., "Spec physiology," Experimen	ial review series ger tal Physiology, 2000, d	ne manipulation and integrative 85.6, 589-601	
	87	Russell, et al., "Structura folds," J. Mol. Biol., 199	al features can be unco 04, 244, 332-350	nserved in proteins with similar	
	88	Schrader, C.E. et al., "Reduced Isotype Switching in Splenic B Cells from Mice Deficient in Mismatch Repair Enzymes", Journal of Experimental Medicine", 1999, 190(3), 323-330			
	89	Spampinato, C., et al., " Biological Chemistry, 20	0 00 , <i>275(13)</i> , 9863-98	equired for mismatch repair," J. 69	
V	90	_ 			
EXAMINER		Kevin K. Hill		ONSIDERED August 9, 2006	



Sheet 5 of 6

List of	f Patent Cited beveral s	-1449 Modified t and Publications y Applicant heets if necessary) nent of Commerce	Docket No. MOR-0241/ HD0002US Applicant Luigi Grasso, et al.	Application No. 10/624,631
		rademark Office	Filing Date July 21, 2003	Group Not Yet Assigned
			Confirmation No. Not Yet Assigned	
C	THE	R DOCUMENTS (Inclu	iding Author, Title, Dat	te, Pertinent Pages, Etc.)
KKH	91	deficient Mice", Journ	al of Experimental Medic	Cell Immune Response in Msh2- cine, February 1999, 189(3), 471-481
	92	region in HNPCC veru 588-592	s MSI+sporadic colorecta	ylation of the hMLH1 promoter al cancers," J. Med. Genet., 2000,
	93	deficient for the DNA June 1998, 95, 6953-6	mismatch repair protein I 958	station in antibodies from mice PMS2", Proc. Natl. Acad. Sci., USA,
V	94		ycin induces large deletio Research, November 199	ns as a major type of mutation in 94, Vol. 325, pp. 91-98
	-			
EXAMINER	L L	Kevin K. Hil	1 DATE CO	ONSIDERED August 9, 2006



Examiner

KKH

Initial

FOREIGN PATENT DOCUMENTS

Examin	er		T		Trans	ranslation	
Initial		Document No. WO 97/05268	Date 02/13/97	Country PCT	YES	NO	
KKH	.99						
	100	WO 99/19492	04/22/99	PCT			
	101	WO 02/054856	07/18/02	PCT			
$_$ \forall	102	2,240,609	10/14/99	Canada			
EXAMINER Kevin K. Hill			DATE CONSIDERED August 9, 2006				





Form PTO-1449 Modified List of Patent and Publications			Docket No. MOR-0241/ HD0002US	Application No. 10/624,631				
	Cited b	y Applicant heets if necessary)	·Applicant Luigi Grasso, et al.					
		nent of Commerce Trademark Office	Filing Date July 21, 2003	Group 1645				
			Confirmation No. 9935					
	ОТНЕ	R DOCUMENTS (Inc	luding Author, Title, Da	te, Pertinent Pages, Etc.)				
ккн	103	Copy of the PCT Inte	rnational Search Report d	tional Search Report dated July 28, 2004 (PCT/US03/22743)				
	104	immunoglobulin genes," J. Exp. Med., 1998, 187(11), 1729-1733						
	105	3-year-old boy," Gastroenterlogy, 1996, 110(4), AASLD Abstracts, page A1288						
	106							
	107							
\bigvee	108							
	_							
	1							





- CD-4		MOR-0241/ HD0002US	Application No. 10/624,631				
List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office				Applicant Luigi Grasso, et al.			
	U. S	S. PATENT	T DOCUMENTS	•			
	Document No.	Date	Name		Class	Subclass	
108	2002/0055106 A1	05/09/02	Nicolaides, et al.		435	6	
		:					
/				-			
	_						
	<u> </u>						
	FORE	IGN PATE	ENT DOCUMENTS				
	Document No.	Date	Country			anslation NO	
			-				
v	evin K Hill		DATE CONSIDE	DED	August	2006	
	108	Document No. 108 2002/0055106 A1 FORE Document No.	U. S. PATENT Document No. Date 108 2002/0055106 A1 05/09/02 FOREIGN PATE Document No. Date	Department of Commerce ent and Trademark Office Filing Date July 21, 2003 Confirmation No. 9935 U. S. PATENT DOCUMENTS Document No. Date Name 108 2002/0055106 A1 05/09/02 Nicolaides, et al. FOREIGN PATENT DOCUMENTS Document No. Date Country	Department of Commerce Filing Date July 21, 2003 1645	Department of Commerce	